

# SALMAN MOHAMMED ARIF

DATA SCIENCE | MACHINE LEARNING | APPLIED AI | PYTHON

## CONTACT

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Portfolio: <https://salman-mohammed-arif.netlify.app>

## SKILLS

- Python
- SQL, MySQL
- Pandas, NumPy
- Machine Learning Fundamentals
- Data Analysis & Visualization (Matplotlib, Seaborn)
- NLP & RAG
- Git, GitHub, Visual Studio Code
- Intermediate Machine Learning
- Model Evaluation
- Basic Deep Learning & Neural Networks

## ACHIEVEMENTS & ACTIVITIES

- Manager, MJ Esports Community (MJCET)
- Sports Coordinator, CSE Department (MJCET)
- Advisor – Sponsorship & PR - Computer Society of India (MJCET)
- Provided academic tutoring in Mathematics
- Developed and edited digital video content, demonstrating creativity, technical proficiency, and attention to detail
- AI Upskilling Certificate – Qualcomm Academy (Jan 2026)

## LANGUAGES

- English
- Arabic
- Hindi
- Urdu



## OBJECTIVE

Final-year Computer Science Engineering student with a strong foundation in Data Science, Machine Learning, and Applied AI. Skilled in Python, SQL, and data analysis, seeking entry-level Data Scientist, Applied AI, or Software Engineering roles or PPO internships to build data-driven, real-world systems.

## PROJECTS

### BizLedger – AI-Powered Voice Transaction Recording App

Built a voice-based system that enables users to record business transactions using AI-driven speech recognition. The application converts unstructured spoken input into structured financial data through natural language processing and automated SQL generation. Scalable backend APIs were developed to support real-time transaction processing and reliable data storage.

**Tech Stack:** Python, FastAPI, Speech-to-Text, NLP, SQL, React Native

### AgriSathi – USSD-Based Smart Agriculture Advisory System

AgriSathi is a USSD-based agriculture advisory system built to help farmers using basic feature phones access crop prices, weather updates, and farming guidance without internet connectivity. The system processes farmer queries using rule-based, data-driven logic and delivers responses instantly via USSD, with SMS support when needed. It is designed to scale and can be extended with AI-based recommendations and voice support to improve accessibility.

**Tech Stack:** Python (Flask), USSD & SMS, Data APIs, React Native (UI simulation)

### DeepCrypt – Crypto Data Analytics & Applied AI Platform

Built a cryptocurrency analytics platform to process real-time and historical market data and present insights through interactive visualizations. Performed exploratory data analysis to understand price trends and enable asset comparison, and integrated an AI-assisted chatbot to help users interpret key market metrics.

**Tech Stack:** JavaScript, HTML, CSS, CoinGecko API, Chart.js, Framer Motion, Clerk

## EDUCATION

<b>B.E. COMPUTER SCIENCE ENGINEERING, MJCET</b>	2022-2026
CGPA: 8.1	
<b>XII (SSC) – NARAYANA INSTITUTE</b>	2020-2022
Score: 948/1000	

## EXPERIENCE

### SOFTWARE ENGINEERING INTERN – CodTech IT Solutions

- Developed real-time web applications using WebSockets and backend APIs
- Built API-driven systems, including integration of external weather data services
- Implemented asynchronous communication and scalable backend logic to improve system responsiveness

